

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051976

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 280 042 A (HEWLETT PACKARD CO) 29 January 2003 (2003-01-29) abstract; figures 6-10 paragraph '0005! - paragraph '0012! paragraph '0016! - paragraph '0055! -----	1,5-8, 10,12-15
A	WO 00/54126 A (BALACHEFF BORIS ; CHAN DAVID (US); HEWLETT PACKARD CO (US)) 14 September 2000 (2000-09-14) abstract page 3 - page 35; figures 1-14 -----	1-15
A	US 2002/134837 A1 (KISHON JAKOB) 26 September 2002 (2002-09-26) the whole document ----- -/--	1-15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

12 January 2005

Date of mailing of the international search report

19/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Nazzaro, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051976

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/110372 A1 (PROUDLER GRAEME JOHN) 12 June 2003 (2003-06-12) the whole document -----	1-15
A	US 2002/169717 A1 (CHALLENGER DAVID CARROLL) 14 November 2002 (2002-11-14) the whole document -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051976

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1280042	A	29-01-2003	GB 2378013 A	29-01-2003
			EP 1280042 A2	29-01-2003
			US 2003041250 A1	27-02-2003
WO 0054126	A	14-09-2000	DE 60001222 D1	20-02-2003
			DE 60001222 T2	22-01-2004
			DE 60007724 D1	19-02-2004
			DE 60007724 T2	09-12-2004
			EP 1161716 A1	12-12-2001
			EP 1159660 A1	05-12-2001
			EP 1159662 A1	05-12-2001
			WO 0048063 A1	17-08-2000
			WO 0054125 A1	14-09-2000
			WO 0054126 A1	14-09-2000
			JP 2002536757 T	29-10-2002
			JP 2002539514 T	19-11-2002
			JP 2002539656 T	19-11-2002
US 2002134837	A1	26-09-2002	NONE	
US 2003110372	A1	12-06-2003	EP 1384126 A2	28-01-2004
			WO 02086684 A2	31-10-2002
			JP 2004537095 T	09-12-2004
US 2002169717	A1	14-11-2002	US 2003105965 A1	05-06-2003